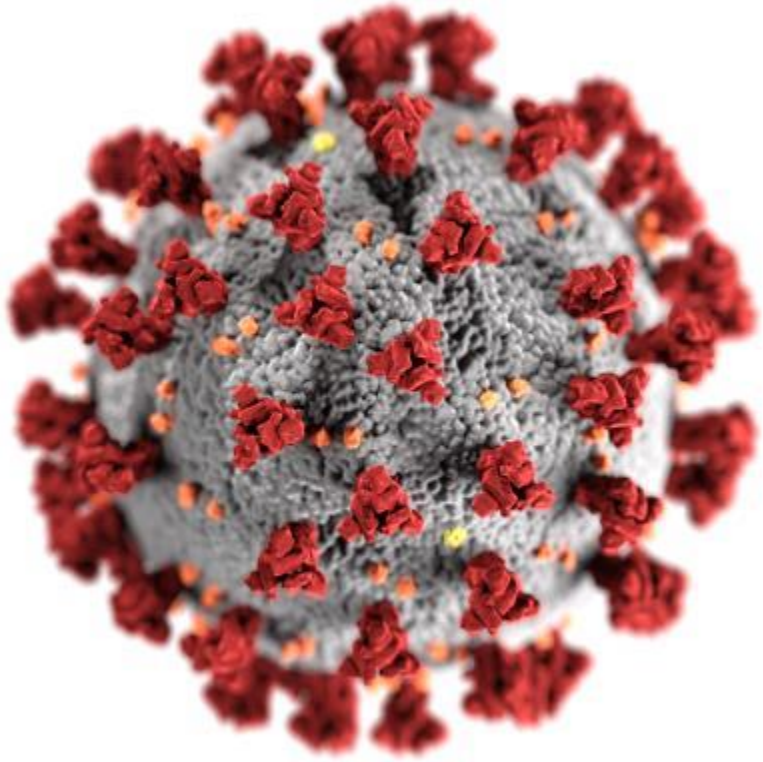
2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

October 22, 2020



We will begin in just a few moments. Thanks!

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This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of October 21, 2020. Please check the South Dakota Department of Health website for the most current information and guidance.

COVID.sd.gov

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Agenda

- Situation Update
- Laboratory Guidance
- Long Term Care
- Vaccination Update
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session

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NEW Close Contact Definition

Anyone who was within 6 feet of an infected person for a total (cumulative) duration of 15 minutes or more within a 24 hour period.

Coronavirus Situation (as of October 21, 2020)

- International
  - 40,665,438 confirmed cases
  - 1,121,843 deaths
- United States (50 states + DC)
  - 8,249,011 confirmed cases
  - 220,362 deaths
- South Dakota
  - 34,031 confirmed cases, 1,013 probable cases
  - 333 deaths
  - 26,023 recovered cases

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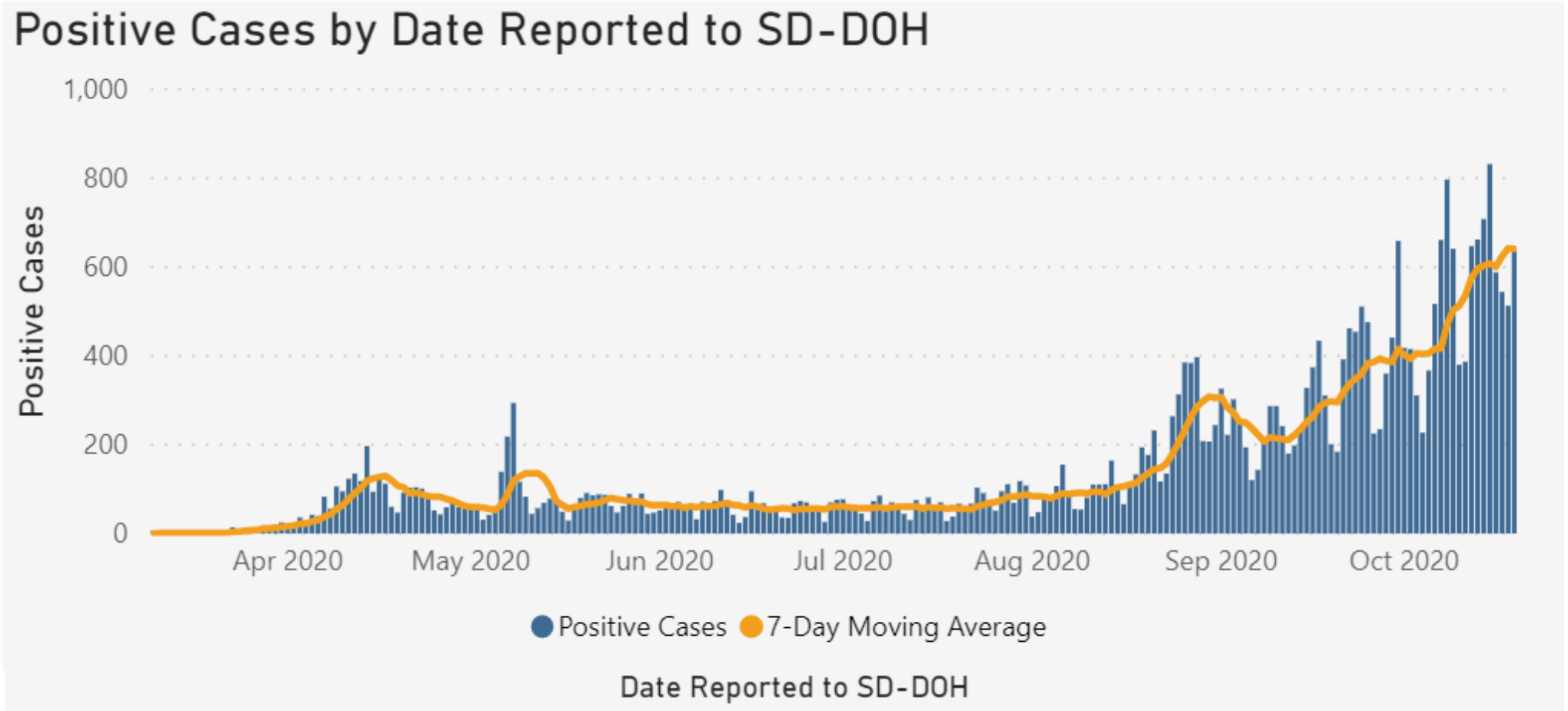
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date



As of October 21, 2020

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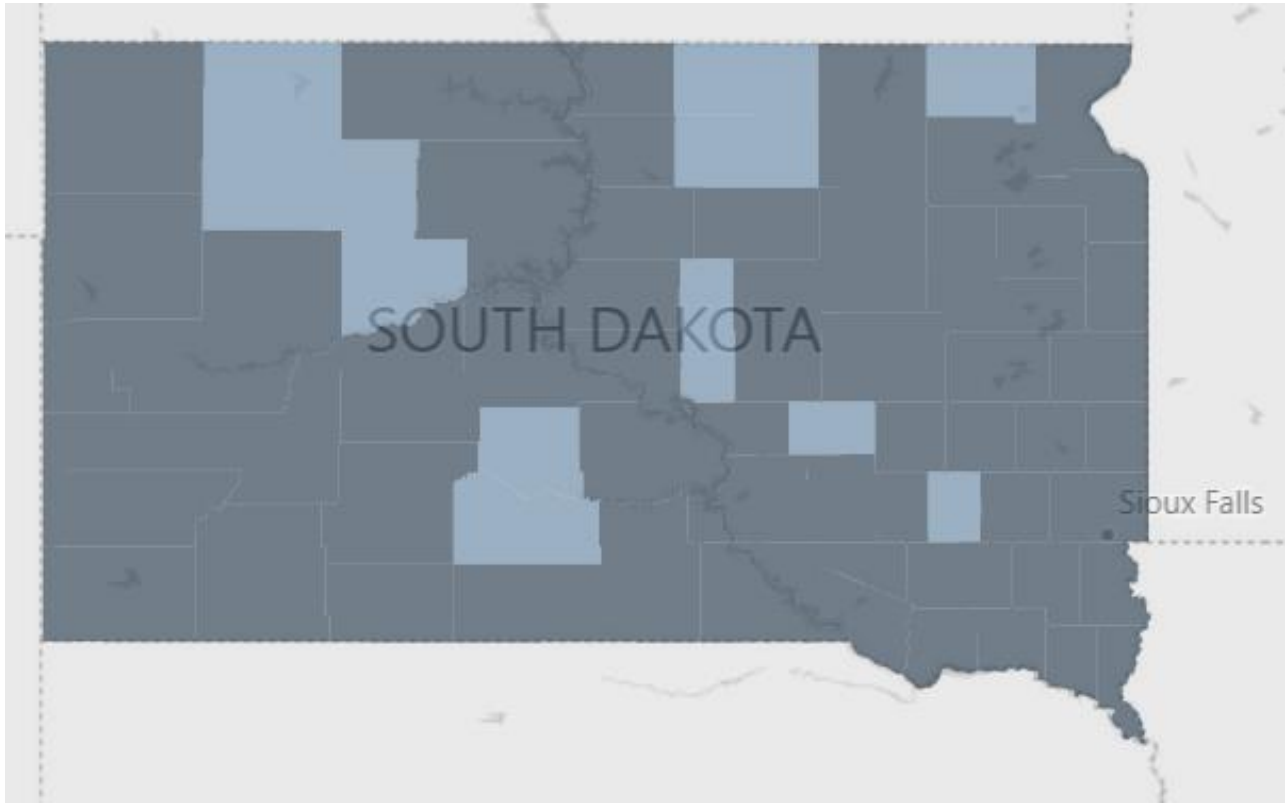
COVID-19 Case Map, by County



As of October 21, 2020

Substantial Community Spread

Aurora
Beadle
Bennett
Bon Homme
Brookings
Brown
Brule
Buffalo
Butte
Campbell
Charles Mix
Clark*
Clay
Codington
Corson*
Custer
Davison
Day
Deuel
Dewey
Douglas
Fall River
Faulk
Grant
Gregory
Haakon
Hamlin
Hand
Harding*
Hughes
Hutchinson
Jackson*
Kingsbury
Lake
Lawrence
Lincoln
Lyman
McCook
Meade
Miner
Minnehaha
Moody
Oglala Lakota
Pennington
Potter
Roberts
Sanborn
Spink
Stanley*
Sully*
Todd
Tripp
Turner
Union
Walworth
Yankton

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General Testing Recommendations

Medical providers are recommended to test individuals with signs and symptoms compatible with COVID-19 infection, including:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html

As of June 18, 2020

Messages to Share with Patients

- Isolate at home until the criteria for release are met
- Monitor for warning symptoms *(trouble breathing, persistent pain or pressure in the chest, new confusion, inability to stay awake, bluish lips or face)* of when to seek emergency medical care
- Create a list of all persons who may have been exposed and tell them of their exposure
- No quarantine *(from a new COVID-19 exposure)* is needed for 3 months after a person tests positive for SARS-CoV-2
- Continue to take precaution such as wearing a mask, even after isolation

Reporting COVID-19 Tests to SD-DOH

- **Reminder**: Coronavirus respiratory syndromes are a Category I disease
- Report ***immediately*** on suspicion of disease
- Reporting mechanisms:
  - Electronic Laboratory Report (ELR) – HL7 message to SD Health Link (health information exchange)
  - Flat file (CSV) – Secure email
  - Disease reporting website – sd.gov/diseasereport
  - Fax – 605.773.5509

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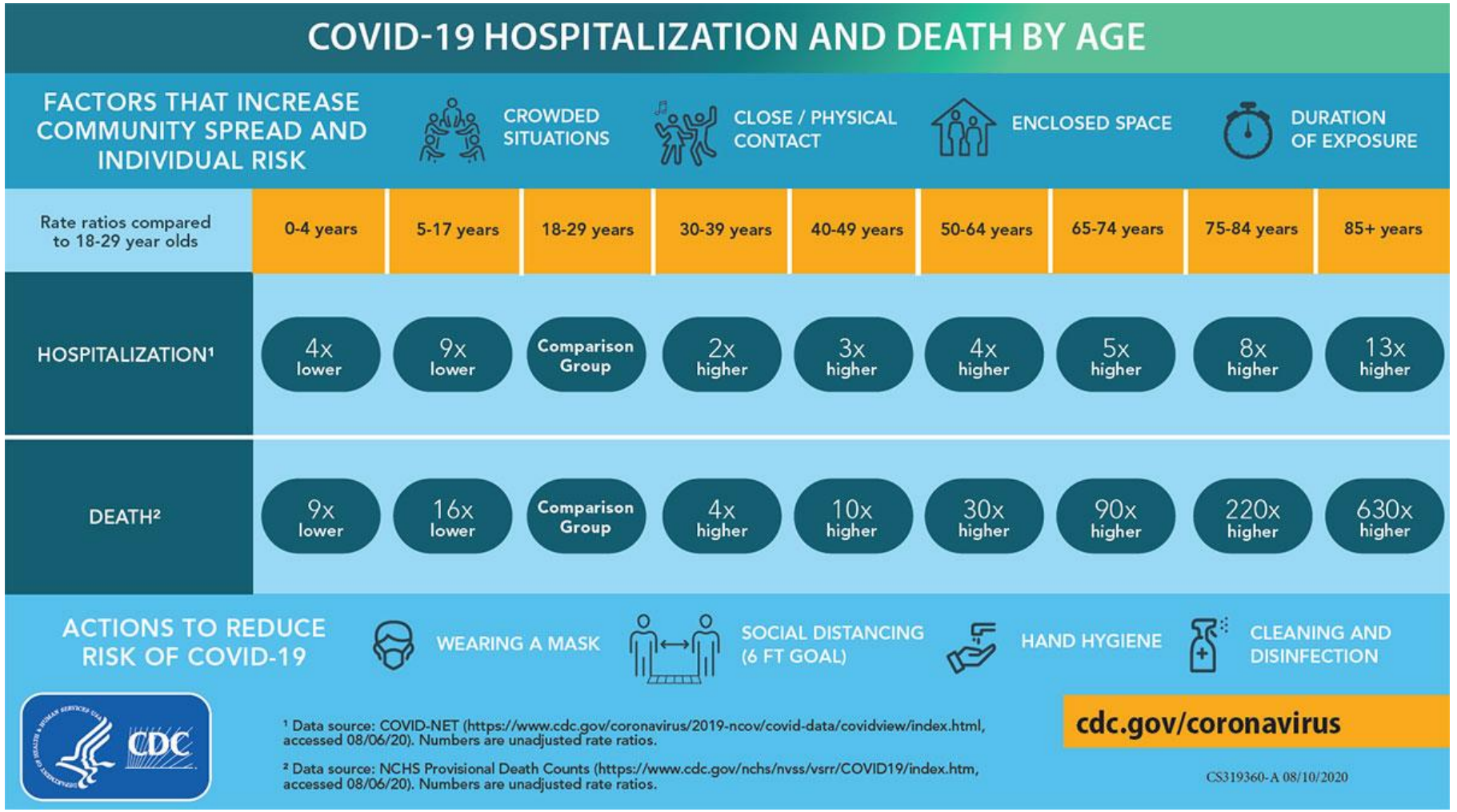
National Hospitalization and Death by Age



https://www.cdc.gov/coronavirus/2019-ncov/covid-data/investigations-discovery/hospitalization-death-by-age.html

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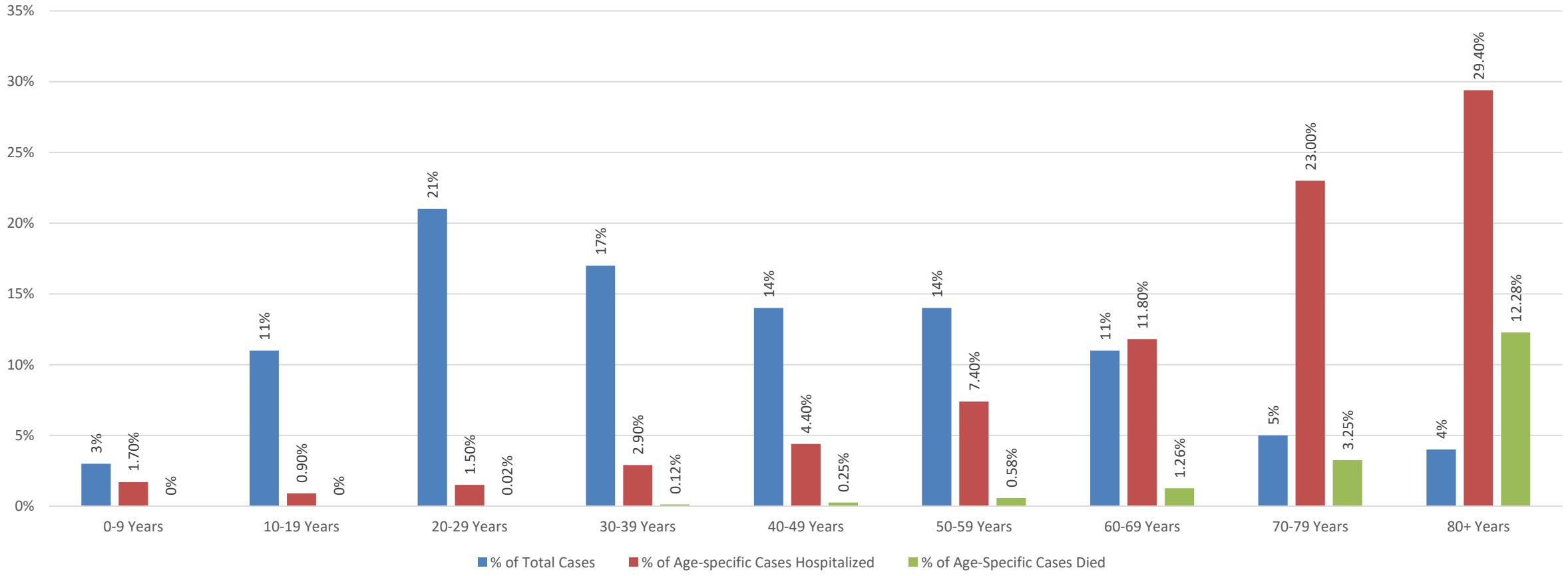
% of Total Cases, Hospitalizations, and Deaths per Age Group



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Selected CDC Updates

Available at: https://www.cdc.gov/coronavirus/2019-ncov/whats-new-all.html

Schools and Childcare Programs (updated October 16):
https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/index.html

Colleges, Universities, and Higher Learning (updated October 16):
https://www.cdc.gov/coronavirus/2019-ncov/community/colleges-universities/index.html

Laboratory Guidance

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Statewide Priority Populations for SARS-CoV-2 Testing

It is a statewide priority that ALL individuals with symptoms of COVID-19 be tested for SARS-CoV-2 with the recommendation from a health care provider

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Critical infrastructure workers in food manufacturing and agriculture
- Individuals in communal living settings like long-term care facilities
- Underinsured or uninsured individuals
- Low-income individuals or individuals unable to pay for testing
- Homeless individuals

SDPHL COVID-19 Testing Priorities

- Symptomatic hospitalized patients
- Symptomatic healthcare workers, first responders, and active military
- Symptomatic individuals in congregate living settings like LTC facilities
- Symptomatic individuals with no way to pay for testing

- Asymptomatic participants in state-sponsored sentinel surveillance:
  - Long-term care (staff and residents)
  - K-12 schools (adults)
  - Corrections (inmates and staff)
  - Tribes (tribal members)

COVID-19 Payment for Testing

For Individuals:

- No individual should have to pay out-of-pocket for COVID-19 testing, even if they are uninsured.
- Depending on where the sample was collected (e.g., screening tent or clinic) and who their insurer, individuals *may* have to pay for the cost of an office visit.

Plans and resources to pay for testing costs

- Medicaid
- Medicare
- Private Insurance
- Health Resources and Services Administration (HRSA)

COVID-19 Payment for Testing: HRSA

Reimbursement through HRSA is available for the following services provided to the uninsured:

- Specimen collection, diagnostic and antibody testing.
- Testing-related visits including in the following settings: office, urgent care or emergency room or via telehealth.
- Treatment, including office visit (including via telehealth), emergency room, inpatient, outpatient/observation, skilled nursing facility, long-term acute care (LTAC), acute inpatient rehab, home health, etc.
- FDA-approved vaccine, when available.

**Additional information is available at the HRSA website including a HRSA FAQ

FDA EUA Updates

- FDA has issued Emergency Use Authorization for the following:
  - 185 (3): Molecular Diagnostic Tests for SARS-CoV-2
  - 56: Serological Tests
  - 34: (-1) Molecular-Based Laboratory Developed Tests for SARS-CoV-2
  - 6: Antigen Diagnostic Tests for SARS-CoV-2

- Notable Updates:
  - Diagnostic Test: TaqPath COVID-19 Combo Kit (update; sensitivity)
  - Diagnostic Test: Roche Cobas SARS-CoV-2 (update; pooling)
  - Collection Device: Spectrum Solutions SDNA-1000 Saliva Collection Device

Abbott ID Now Allocation: 10/21-11/4

- Manufacture of ID Now tests kits has been interrupted for an unknown length of time
- ID Now allocations are unlikely to occur the week of 10/19
- Status of ID Now allocations are unknown for the week of 10/26
- SDPHL will provide updates as more information becomes available

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Statewide Abbott BinaxNOW COVID-19 Validation Study

- SDDOH is sponsoring a statewide validation study of the Abbott BinaxNOW COVID-19 antigen test in long-term care and corrections settings.

- SDDOH will evaluate the ability of the Abbott BinaxNOW COVID antigen test to detect SARS-CoV-2 in symptomatic and asymptomatic populations.

- SDDOH seeks the following:
  - Data from facilities where parallel or reflex testing occurred that includes the Abbott BinaxNOW and the gold-standard method, RT-PCR.
  - Facilities that currently perform the BinaxNOW COVID tests who are willing to perform dual collection for on-site BinaxNOW testing as well as off-site molecular testing.

Abbott BinaxNOW Validation Study: Enrollment

- Long-term care facilities that would like to enroll in the Abbott BinaxNOW validation study should contact the following: Chris.Qualm@state.sd.us

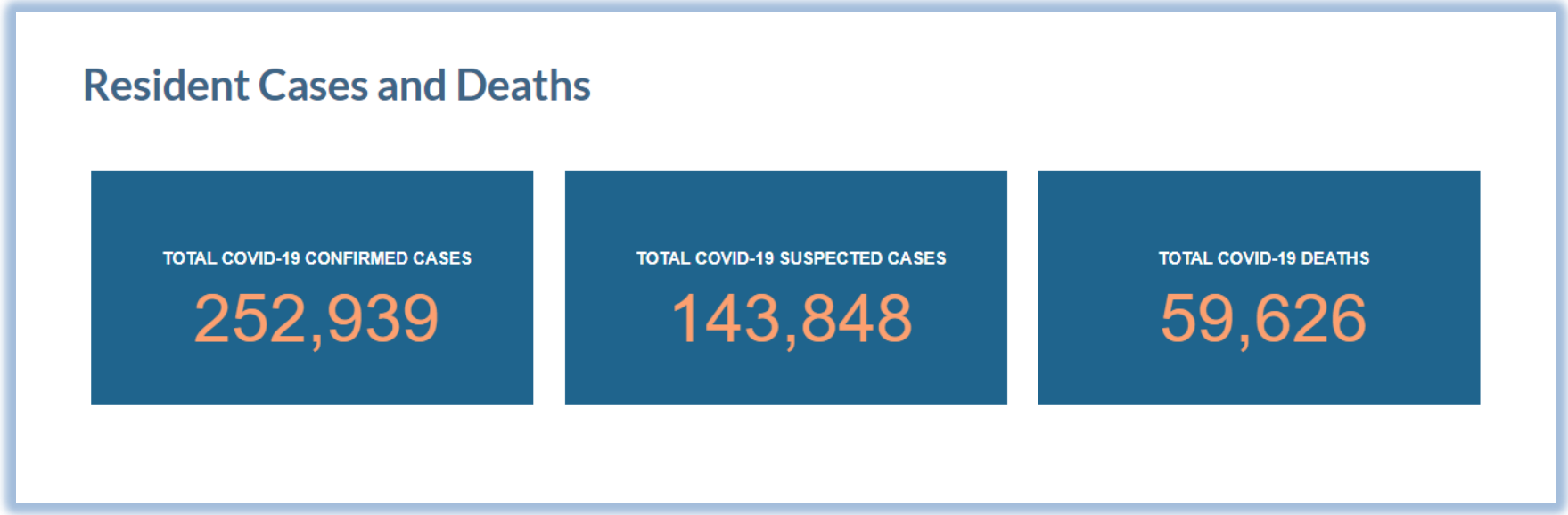
- SDDOH will provide additional opportunities for participation in the validation study as Abbott BinaxNOW COVID antigen tests become available to other groups.

- If you have questions about the Abbott BinaxNOW COVID antigen test validation study, please contact the following: Tim.Southern@state.sd.us

Long Term Care

Disease Impact – United States

as of 10.04.20



https://data.cms.gov/stories/s/COVID-19-Nursing-Home-Data/bkwz-xpvg/

Long Term Care in South Dakota

Nursing Homes and Assisted Living Centers

- **Cumulative Total Resident Cases – 876**
- **Cumulative Total Resident Active Cases – 307***
- **Cumulative Total Resident Deaths – 160**
- **Cumulative Total LTC with Case – 162**
- **Current Total of LTC with Case - 115**
- **Cumulative Total Case in Staff – 648**
- **Total Active Cases in Staff – 256***
- **Cumulative Total Staff Hospitalized – 21**

**self-reported by touch-base calls*
as of 10/19/2020

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Staff Testing Frequency & Visitation –

based on the extent of the virus in the community (county)

- County positivity rate
  - **Community Activity Low** (<5%).
  - **Community Activity Medium** (5-10%) week.
  - **Community Activity High** (>10%).

https://www.cms.gov/files/document/qso-20-38-nh.pdf

https://www.cms.gov/files/document/qso-20-39-nh.pdf

https://data.cms.gov/stories/s/COVID-19-Nursing-Home-Data/bkwz-xpvg

https://doh.sd.gov/news/Coronavirus.aspx

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Visitation during COVID 19 pandemic

CMS has raised concerns there are facilities not complying with visitation memo and visitation requirements.

We all understand psychosocial harm only gets worse and resident rights needs to be upheld.

Facilities should not implement blanket bands on visitation which are not related to the memo.

Facilitate visitation in your homes (nursing homes and assisted living centers).

- Partnership with the SDHCA and SDAHO to utilize CMP funds to purchase material items (plexiglass, tent, etc.) to help you to allow visitation.
- Partnership with the Ombudsman program to identify barriers and work through concerns and issues to visitation. The Ombudsman program will be conducting a survey.

Compliance – *to meet the intent of the regulations*

- ***Please keep in mind the intent of the regulations and how best to care for residents.***

- Facilities can meet the visitation regulation by revising their policies and procedures (plan) to ensure person-centered visitation is reasonably allowed.

- Facilities can meet the testing requirements using the rapid Point-of-Care (POC) diagnostic testing devices or through an arrangement with an offsite laboratory.
  - The labs of choice may include Avera, LabCorp, Monument, or Sanford.
  - Use the federal funds through the CARES Act to help support your routine testing efforts.
  - The South Dakota Public Health Lab will not conduct routine testing in Nursing Homes.

- ***Documentation is key to show compliance.***

Testing for COVID 19 *Comparison Study –*

Abbott BinaxNOW and RT-PCR - asymptomatic or symptomatic staff or resident

Provider using Abbott BinaxNOW

- Provider to collect dual samples
- Provider test sample using Abbott BinaxNOW
- Providers send the other sample to the SDPHL for PCR testing

Email chris.qualm@state.sd.us if you would like to participate.

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Vaccination Update

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COVID 19 Vaccines/Phase 3

Pfizer	mRNA Vaccine
Moderna	mRNA Vaccine
AstraZeneca	vector (adenovirus) Vaccine
Johnson & Johnson	recombinant vector (adenovirus) vaccine

SD COVID Vaccination Plan

Section 1: COVID-19 Vaccination Preparedness Planning
Section 2: COVID-19 Organizational Structure and Partner Involvement
Section 3: Phased Approach to COVID-19 Vaccination
Section 4: Critical Populations
Section 5: COVID-19 Provider Recruitment and Enrollment
Section 6: COVID-19 Vaccine Administration Capacity
Section 7: COVID-19 Vaccine Allocation, Ordering, Distribution, and Inventory Management
Section 8: COVID-19 Vaccine Storage and Handling
Section 9: COVID-19 Vaccine Administration Documentation and Reporting
Section 10: COVID-19 Vaccination Second-Dose Reminders
Section 11: COVID-19 Requirements for IISs or Other External Systems
Section 12: COVID-19 Vaccination Program Communication
Section 13: Regulatory Considerations for COVID-19 Vaccination
Section 14: COVID-19 Vaccine Safety Monitoring
Section 15: COVID-19 Vaccination Program Monitoring

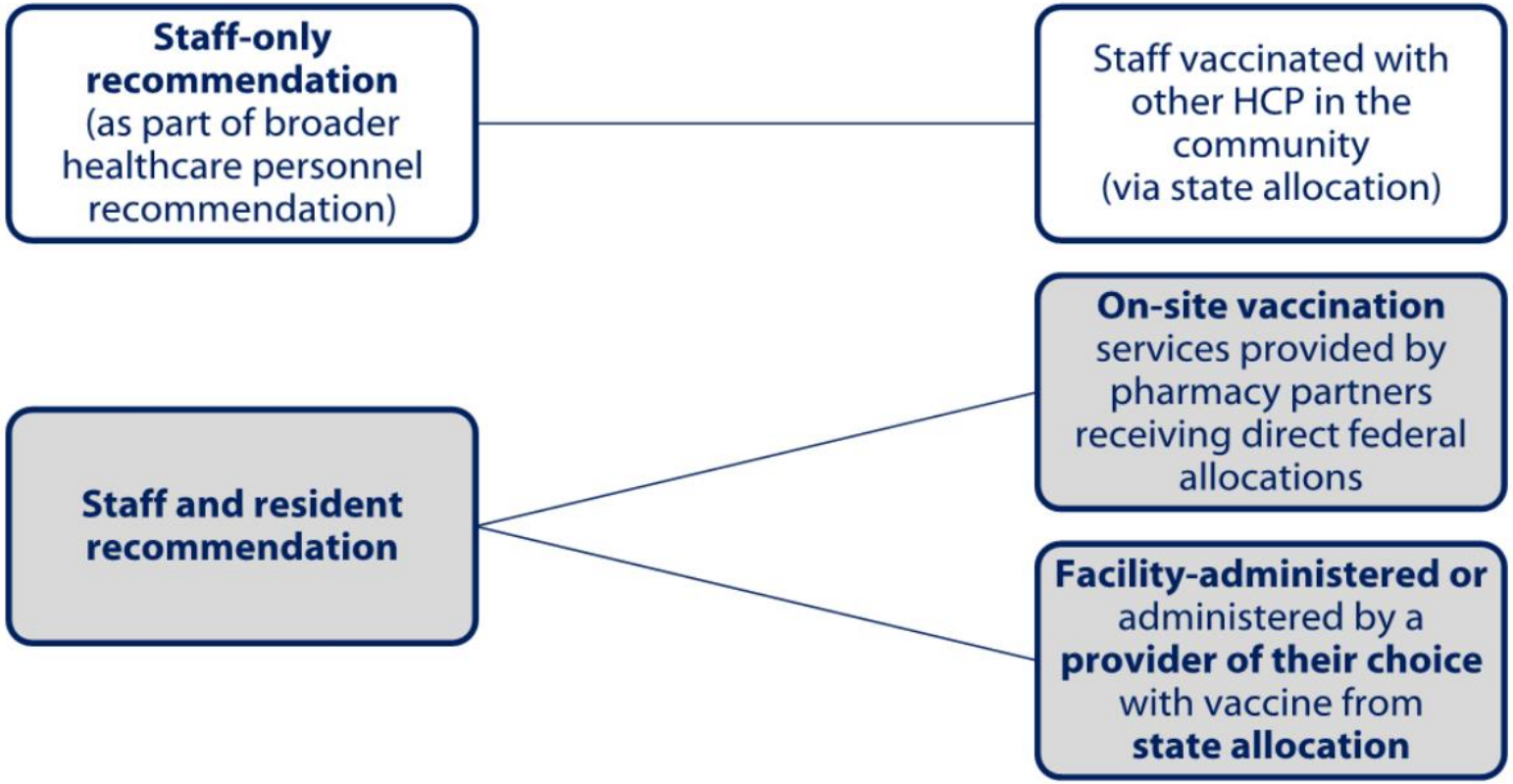
Long-term care plans

Starting October 19, facilities sign up for on-site clinics via:

- NHSN (SNFs)
- REDCap (ALFs)

November: Pharmacy partners coordinate with facilities for scheduling.

Federal Planning:
Engaging Pharmacy Partners For Staff and Residents



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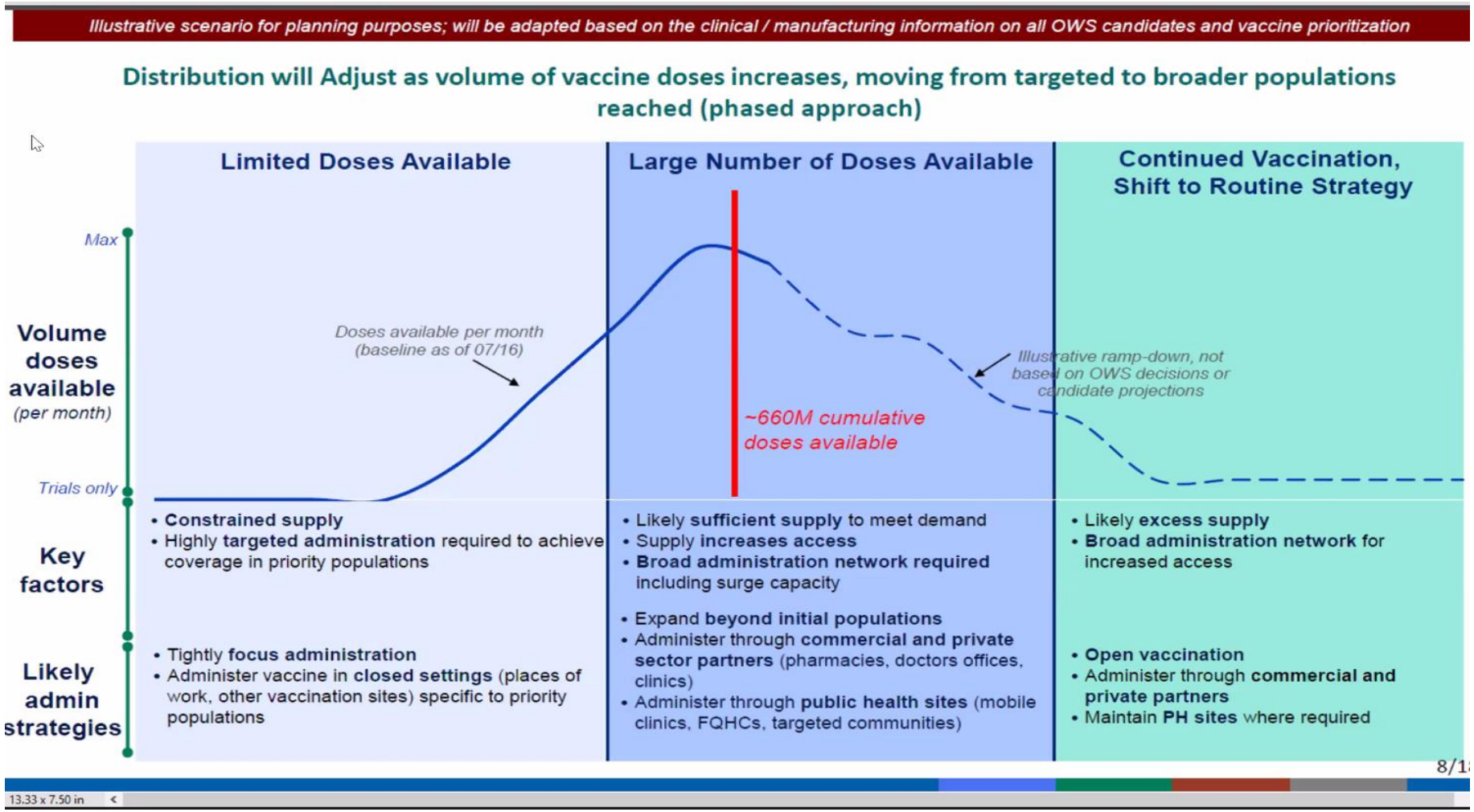
Vaccination Phases



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Vaccination Presentations

Early doses of vaccine will be in multi dose vials

There will be variable vaccine storage requirements - 70C, -20C, 2-8C

Stability testing is still being conducted and storage requirements and expiration dates may change

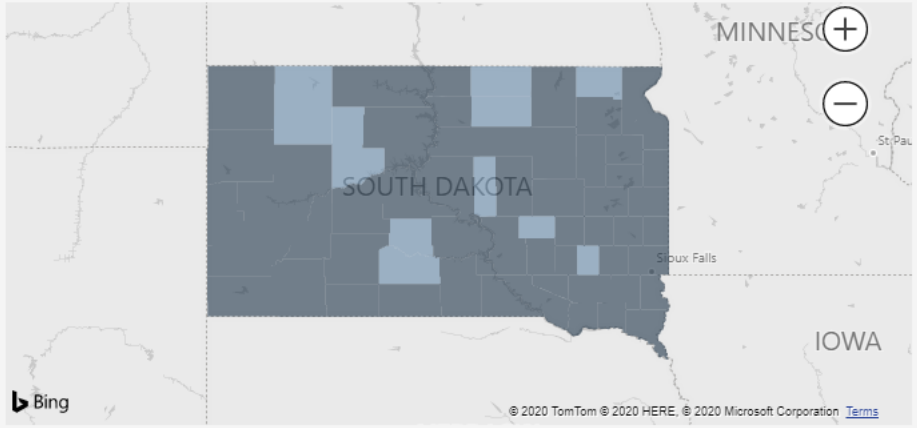
May be other presentations of vaccine available later: SDV, SDS

Community Mitigation

Dashboard

New Confirmed Cases	New Probable Cases	Active Cases	Recovered Cases	Currently Hospitalized
558	24	8,688	26,023	332

Community Spread Map by County of Residence



Community Spread ● Moderate ● Substantial

Hover over a county to see its details, or click county to update the orange boxes.

Total Confirmed Cases	Total Probable Cases	Total Persons Tested	Total Tests
34,031	1,013	236,250	380,661

Ever Hospitalized	Deaths	% Progress (September Goal: 44,233 Tests)	% Progress (October Goal: 44,233 Tests)
2,239	333	217%	196%

SD Overview | Demographics | Hospital Capacity | Trends | Tables

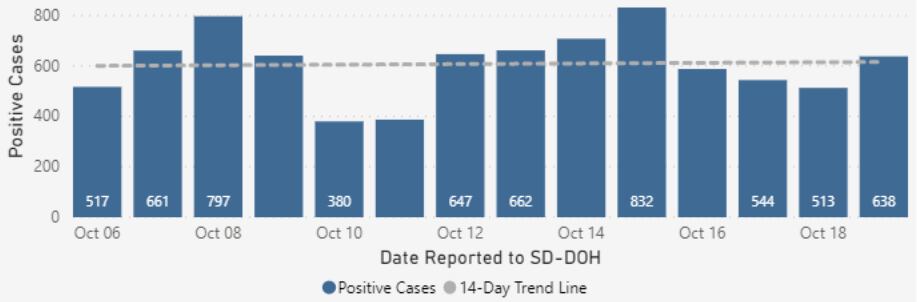
County

All

RT-PCR Test Positivity Rate, Last 1 Day	RT-PCR Test Positivity Rate, Last 7 Days	RT-PCR Test Positivity Rate, Last 14 Days	RT-PCR Test Positivity Rate, Cumulative
16.1%	14.2%	13.3%	9.3%

RT-PCR Test Positivity Rate: *This rate is equal to the number of positive RT-PCR tests divided by total RT-PCR tests, within the specified period of time.*

14-Day Trend of Positive Cases by Date Reported to SD-DOH



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Supply Chain Management

PPE Request Procedure

All requests for PPE from DOH must be:

- Emailed to COVIDResourceRequests@state.sd.us,
- Faxed to **605.773.5942,** or
- Called in to **605.773.3048** to ensure prioritization and coordination of requests.

- Do not duplicate your request by using all three means of communication.

- Any requests received through any other email or number will all be directed to email COVIDResourceRequests@state.sd.us OR call **605.773.3048** and requesting entities must provide information regarding their current facility status.

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On-going Communication

Helpful sources of information:

covid.sd.gov

coronavirus.gov

- **SD COVID-19 Help Line: 800-997-2880**

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Communications

- SD-HAN: sdhan.sd.gov
- Epi Listserv
- Lab Listserv
- HAI Listserv
- OLC Listserv

Visit **covid.sd.gov** to subscribe

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COVID-19 INFORMATION LINE
Questions about COVID-19? We're here to help.
PLEASE CALL **1-800-997-2880**

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Questions?

Follow-up after the webinar

COVID Helpline: 800-997-2880
Epidemiology: 605-773-3737
Laboratory: 605-773-3368

COVID.sd.gov
COVIDSD@state.sd.us

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